

Claims

1. Garment (1), provided with at least one inflatable protective device and adapted to be worn by a person travelling on a moving means (10), comprising the following set of parts in addition to a power supply unit:

- 5 a) a radio receiver (34, 35), which is adapted to communicate through an identification code with associated remote radio transmitters (24, 25) mounted on said moving means (10);
- b) a trigger circuit (33) for triggering said at least one inflatable protective device in response to a danger signal received from said radio transmitters (24, 25);
- 10 c) and non-volatile memories (32, 37),

characterized in that it further comprises at least one programmable logic unit (31) interfacing said radio receiver (35), which manages and stores in at least one (37) of said non-volatile memories the identification codes detected by said radio receiver (35), and enables the person wearing the garment (1) to select, via an user interface (40), a specific

15 code among those available in said memory (37).

2. Garment according to claim 1, **characterized in that** said at least one programmable logic unit (31) further interfaces said trigger circuit (33) and activates the same trigger circuit in response to a danger signal received from said radio transmitter (24, 25).

20 3. Garment according to claim 1 or 2, **characterized in that** said radio receiver is constituted by the cascade formed by a radio receiver (35) and a decoder (34).

4. Garment according to claim 3, **characterized in that** said user interface (40) comprises at least one push-button (41), a display (43) and a related driving circuit (42).

5. Garment according to any of the preceding claims, **characterized in that** the

25 power-supply unit is a battery included in the garment (1) for energizing said at least one programmable logic unit (31) and the components (35, 33) interfacing therewith.

6. Garment according to any of the preceding claims, **characterized in that** said at least a programmable logic unit (31) is able to operate in a state of low energy consumption.

30 7. Garment according to any of the preceding claims, **characterized in that** said user interface (40) enables the wearer of the garment (1) to programme in said at least one programmable logic unit (31) the control signals to be sent to said trigger circuit (33), thereby managing and controlling each single inflatable device separately.

8. Garment according to any of the preceding claims, **characterized in that** said at

35 least one programmable logic unit (31) performs procedures is able to perform a safety check of the voltage of power-supply unit.

9. Garment according to any of the preceding claims, **characterized in that** said at least one programmable logic unit (31) interfaces with sound or mechanical alarm indicators.

10. Garment according to any of the preceding claims, **characterized in that** it is a
5 motorcycling jacket.

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